

Disaster Risk Reduction (DRR) WG

Ninth Plenary Meeting of UN-GGIM-AP

David Borges, GISP

GEO DRR WG Co-Chair

NASA Applied Sciences Disasters Program

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Group on Earth Observations (GEO)

- GEO is an international partnership of more than 100 national governments and in excess of 100 Participating Organizations working towards a future where decisions and actions for the benefit of humankind are informed by coordinated, comprehensive and sustained Earth observations.
- 2020-2022 Work Programme includes 60+ thematically and geographically focused activities working towards collective GEO objectives and priorities.



About us

GEO DRR WG Governance

Subgroup 1: Coordination across the GEO Work Programme

Co-Chair: David Borges (NASA, United States)

Deputy Chairs: Godstime James (Africa), Fernando Belda (Spain),
Tatiya Chuentragun (Thailand)

Subgroup 2: UNDRR Coordination (Sendai Framework Monitoring & Global Assessments)

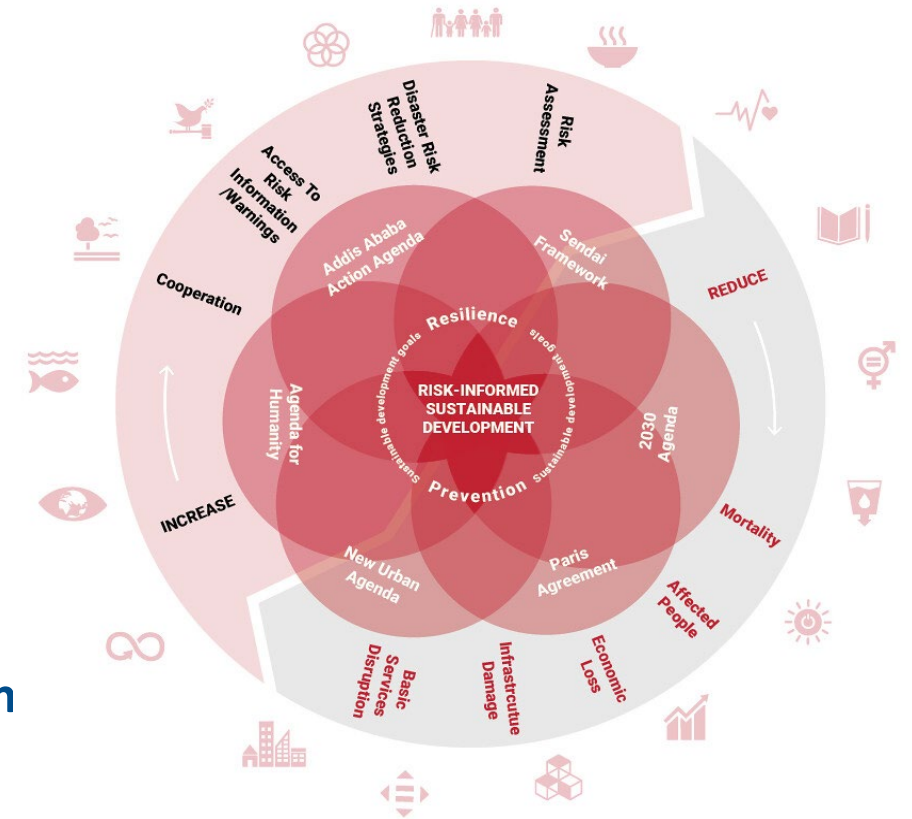
Co-Chair: Janet Edwards (MSB, Sweden)

Deputy Chairs: John LaBrecque (United States), Aliyu Abdullahi (Africa)

Subgroup 3: Climate Change, SDG, Urban Activities Coordination

Co-Chair: Kene Onukwube (DEAR, Africa)

Deputy Chairs: Cheila Cullen (United States), Ramesh Singh (United States), Chulam Rhasul (Nepal)



DRR WG Member Overview

Number of Members by Working Group and Type of Organization

	CapDev	Climate	DRR	Data
Government ministries and agencies	23	41	48	19
Academic and research organizations	16	35	24	27
Commercial sector organizations	8	5	9	5
Intergovernmental organizations	3	12	2	9
Non-governmental organizations	3	2	7	4
Other / unaffiliated / unknown	0	0	0	0
Total	53	95	90	64

Numbers include commercial sector nominees whose membership is pending Programme Board approval.

Number of Members by Working Group and Gender (perceived)

	CapDev	Climate	DRR	Data
Female	21	31	29	18
Male	31	64	57	46
not determined	1	0	4	0
Total	53	95	90	64

Numbers include commercial sector nominees whose membership is pending Programme Board approval.

Number of Members by Working Group and GEO Region

	CapDev	Climate	DRR	Data
Africa	11	17	14	13
Americas	18	38	38	21
Asia-Oceania	9	8	13	7
Commonwealth of Independent States	0	1	0	2
Europe	15	31	25	21
Total	53	95	90	64

Numbers include commercial sector nominees whose membership is pending Programme Board approval.

DRR WG Subgroup 1 Work Plan Highlights

- Purpose
 - Develop and implement a coherent and crosscutting approach within GEO to advance the use of Earth observations in support of countries' disaster risk reduction and resilience efforts.
- Highlight aspects of the Work Programme that are DRR related, and describe key elements and locations of each activity.
- Promote, including through good practices and impact, sharing of data and knowledge to improve DRR.
- Work with SG2 and SG3 to understand real requirements at national levels and communicate these requirements to relevant activities within GEO WP.
- Promote awareness of relevant global policy frameworks across the WP, such as *UN-GGIM WG-Disasters Strategic Framework on Geospatial Information and Services*.

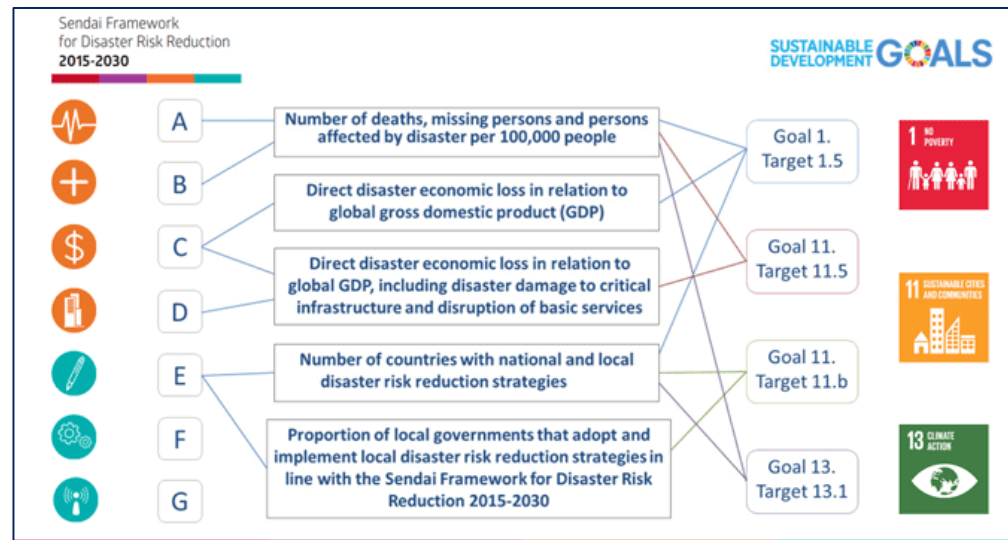
DRR WG Subgroup 2 Work Plan Highlights

- Purpose
 - Leverage SG1 efforts and use combined resources of SG2 to promote the dissemination and use of Earth observations to strengthen capabilities to reduce disaster risk according to the needs of countries as identified by UNDRR.
- Serve as primary GEO liaison to UNDRR
- Increase the use of Earth observation data for achieving the Sendai Framework's Global Target E, that is to substantially increase number of countries with national and local disaster risk reduction strategies.
- Showcase how Earth observation data can complement data governments already have to assess risk and risk trends over time.
- Showcase how Earth observations can be used to describe and visualize vulnerability and exposure.



DRR WG Subgroup 3 Work Plan Highlights

- Purpose
 - Leverage SG1 efforts to provide an overview of links, and actionable opportunities, between disaster risk reduction, climate change, SDGs and urban activities.
- Serve as primary link to CC-WG, SDG and Urban related activities.
- Document an end-to-end approach of the impacts and linkages of climate change on disaster risk reduction and the SDGs.



Ongoing UN-GGIM Collaboration

- Working Group on Geospatial Information and Services for Disasters

UN-GGIM WG Disasters Functions	Possible Areas for Collaboration with CEOS WG Disasters
Implement, monitor and raise awareness of the Strategic Framework for Geospatial Information and Services for Disasters;	<p>DRR WG Subgroup 1:</p> <p>Promote awareness of relevant global policy frameworks across the WP, such as UN GGIM WG Disasters Strategic Framework on Geospatial Information and Services</p>
Design and prepare scenario-based exercises on different hazards;	<p>DRR WG Subgroup 1:</p> <p>Promote, including through good practices and impact, sharing of data and knowledge to improve DRR.</p> <p>DRR WG Subgroup 2:</p> <p>Increase the use of Earth observation data for achieving the Sendai Framework's Global Target E, that is to substantially increase number of countries with national</p>
Encourage Member States to ensure the accessibility and capacity of geospatial information and services in times of disasters;	<p>DRR WG Subgroup 2:</p> <ul style="list-style-type: none"> • Showcase how Earth observation data can complement data governments already have to assess risk and risk trends over time. • Showcase how Earth observations can be used to describe and visualize vulnerability and exposure.

Credit: Simone Lloyd, GISP
UN-GGIM WG-Disasters Co-Chair Support, Jamaica

Contact



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